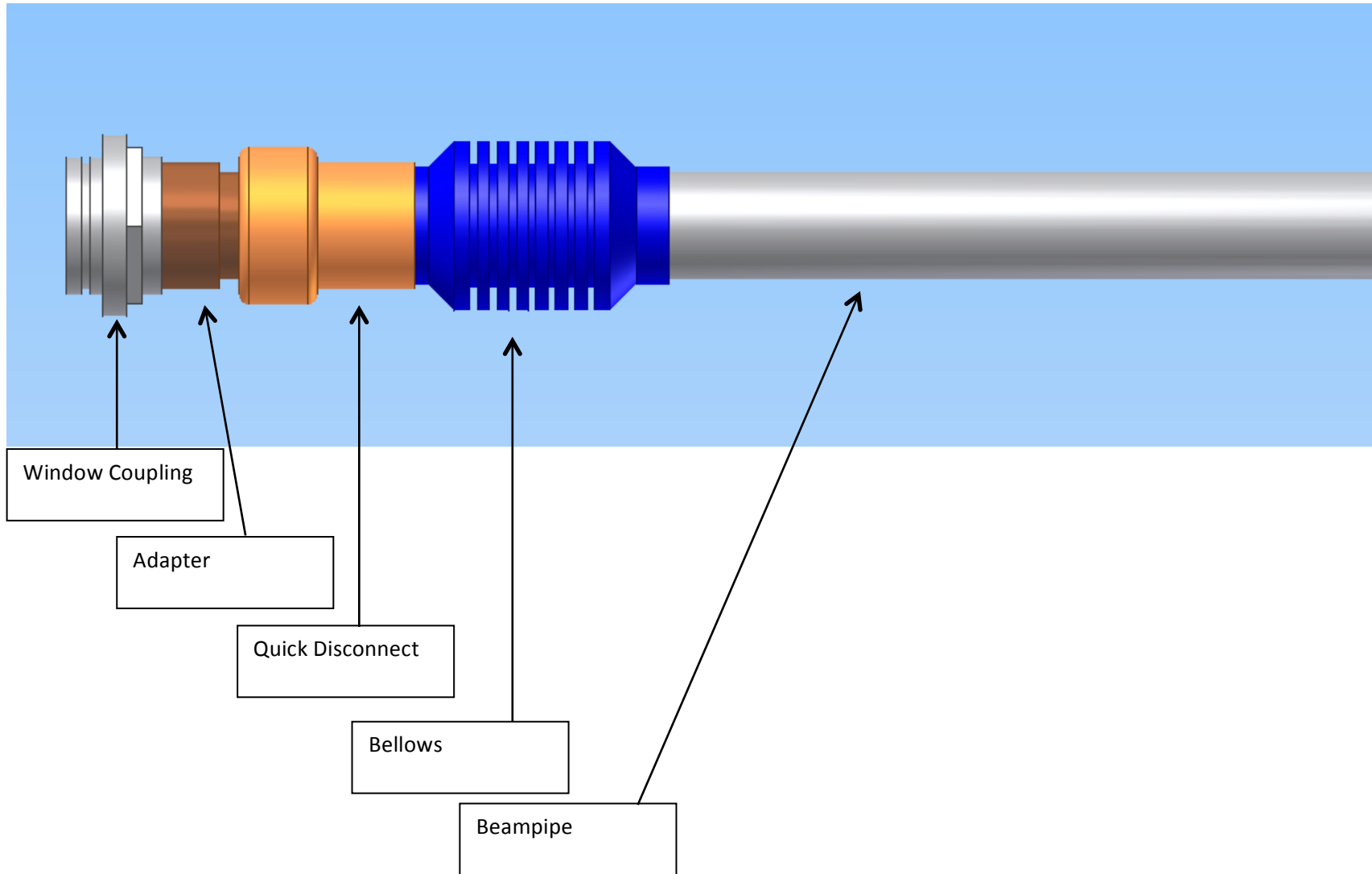


PRad Window to Beampipe Connection

January 15, 2015



Window Coupling

- 7075-T6 aluminum
- Dwg 66850-C-02743
- Clamps to window
- Sealed with an o-ring

Adapter

- 304 SST machined adapter
- 1.625 OD to fit into window coupling
- 1.25 ID
- OD reduced to 1.375 for quick disconnect

Quick Disconnect

- 304 SST
- MDC K150XDS-138
- O ring seals to outside of adapter using compression by turning fitting

Bellows

- Formed bellows to allow for misalignment
- May be replaced by welded bellows to accommodate window deflection
- MDC 47050

Beam Pipe

- 304 SST
- 1.375 OD
- 0.065 wall